

2005 Current Fiscal Year Report: Solar System Exploration Strategic Roadmap Committee

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1. Department or Agency

National Aeronautics and Space Administration

2. Fiscal Year

2005

3. Committee or Subcommittee

Solar System Exploration Strategic Roadmap Committee

3b. GSA Committee No.

24623

4. Is this New During Fiscal Year?

Yes

5. Current Charter

12/23/2004

6. Expected Renewal Date

12/23/2006

7. Expected Term Date

03/23/2006

8a. Was Terminated During Fiscal Year?

Yes

8b. Specific Termination Authority

NASA Administrator Letter to Congress, 4/28/05

8c. Actual Term Date

05/22/2005

9. Agency Recommendation for Next Fiscal Year

Terminate

10a. Legislation Req to Terminate?

No

10b. Legislation Pending?

Enacted

11. Establishment Authority Agency Authority

12. Specific Establishment Authority

NASA Administrator Letter to Congress, 12/23/04

13. Effective Date

12/23/2004

14. Committee Type

Ad hoc

14c. Presidential?

No

15. Description of Committee Other Committee

16a. Total Number of Reports

1

16b. Report Date

05/22/2005

Report Title

The Solar System Exploration Strategic Roadmap

Number of Committee Reports Listed: 1

17a. Open 3 17b. Closed 0 17c. Partially Closed 0 Other Activities 0 17d. Total 3

Meetings and Dates

Purpose	Start	End
The purpose of the first meeting was to hear briefings and work on developing the strategic roadmap.	02/03/2005	02/04/2005
The purpose of the second meeting was to hear briefings and work on developing the strategic roadmap.	03/21/2005	03/22/2005
The purpose of the third meeting was to hear briefings and work on developing the strategic roadmap.	05/03/2005	05/04/2005

Number of Committee Meetings Listed: 3

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$117,572.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$149,539.00	\$0.00
18a(4). Personnel Pmts to Non-Member Consultants	\$1,203.00	\$0.00

18b(1). Travel and Per Diem to Non-Federal Members	\$19,019.00	\$0.00
18b(2). Travel and Per Diem to Federal Members	\$6,078.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$5,215.00	\$0.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$101,677.00	\$0.00
18d. Total	\$400,303.00	\$0.00
19. Federal Staff Support Years (FTE)	1.00	0.00

20a. How does the Committee accomplish its purpose?

The committee met to hear presentations from individuals expert in the scientific and technical aspects of their charter (to search for evidence of life, to understand the history of the solar system, to search for resources, and to support human exploration.). The committee members discussed these presentations in the context of their own expertise and identified areas to be studied further between meetings, with the intention of producing a roadmap identifying critical investigations to be undertaken by NASA to further specific areas of scientific inquiry.

20b. How does the Committee balance its membership?

The membership appointments attempted to strike a balanced distribution, suitable for its specific focus, with broad representation from government, industry, and the academic community.

20c. How frequent and relevant are the Committee Meetings?

The Committee met 3 times during its period of performance. The meetings followed agendas prepared in advance that were designed to ensure a full exposure of issues related to its charter and to permit adequate discussion of these issues by the membership.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

The committee was established to develop a strategic roadmap in its chartered domain based on expertise resident within and outside of NASA. A strategic roadmap is a coordinated and comprehensive longitudinal strategy that identifies key objectives and time-phased implementation elements, potential achievements, priorities, options, and decision points and criteria. The roadmap is to be subsequently used by NASA to inform decisions on scientific objectives, resource allocation, and technology investments.

20e. Why is it necessary to close and/or partially closed committee meetings?

n/a

21. Remarks

This committee was terminated at the direction of the NASA Administrator.

Designated Federal Officer

Carl Pilcher

Committee Members	Start	End	Occupation	Member Designation
Chodil, Jerry	12/17/2004	05/22/2005	Ball Aerospace (ret.)	Special Government Employee (SGE) Member
Christensen, Andrew	12/17/2004	05/22/2005	Northrop Grumman	Special Government Employee (SGE) Member
Clark, Ben	12/17/2004	05/22/2005	Lockheed Martin Astronautics	Special Government Employee (SGE) Member
Dantzler, Andrew	12/17/2004	05/22/2005	Science Mission Directorate, NASA Headquarters	Ex Officio Member
Davidson, Greg	12/17/2004	05/22/2005	Northrup Grumman	Special Government Employee (SGE) Member
DesMarais, David	12/17/2004	05/22/2005	NASA Ames Research Center	Regular Government Employee (RGE) Member
Erwin, Douglas	12/17/2004	05/22/2005	National Museum of Natural History	Special Government Employee (SGE) Member
Figueroa, Orlando	12/17/2004	05/22/2005	Science Mission Directorate, NASA Headquarters	Regular Government Employee (RGE) Member
Hammell, Heidi	12/17/2004	05/22/2005	Space Science Institute	Ex Officio Member
Hubbard, Scott	12/17/2004	05/22/2006	Director, NASA Ames Research Center	Regular Government Employee (RGE) Member
Huntress, Wesley	12/17/2004	05/22/2005	Carnegie Institution of Washington	Special Government Employee (SGE) Member
Jenkins, Jason	12/17/2004	05/22/2005	Exploration Systems Mission Directorate, NASA Headquarters	Ex Officio Member
Johnson, Torrence	12/17/2004	05/22/2005	NASA Jet Propulsion Laboratory	Special Government Employee (SGE) Member
Jones, Chris	12/17/2004	05/22/2005	NASA Jet Propulsion Laboratory	Ex Officio Member
Jones, Thomas	12/17/2004	05/22/2005	Consultant	Special Government Employee (SGE) Member
Lunine, Jonathan	12/17/2004	05/22/2005	University of Arizona	Special Government Employee (SGE) Member
McGrath, Melissa	12/17/2004	05/22/2005	NASA Marshall Space Flight Center	Regular Government Employee (RGE) Member
Meech, Karen	12/17/2004	05/22/2005	University of Hawaii	Special Government Employee (SGE) Member
Niehoff, John	12/17/2004	05/22/2005	Science Applications International Corporation	Special Government Employee (SGE) Member
Pappalardo, Robert	12/17/2004	05/22/2005	University of Colorado	Special Government Employee (SGE) Member
Stofan, Ellen	12/17/2004	05/22/2005	Proxemy Research, Inc.	Special Government Employee (SGE) Member
Wadhwa, Meenakshi	12/17/2004	05/22/2005	The Field Museum	Special Government Employee (SGE) Member

Number of Committee Members Listed: 22

Narrative Description

NASA's mission is to understand and protect our home planet, to explore the universe and search for life, and to inspire the next generation of explorers. This mission reflects the goals of the President's Vision for Space Exploration. The committee obtains broadly based expert advice to support the Agency's development of a strategic plan for implementation of NASA's mission and the Vision.

What are the most significant program outcomes associated with this committee?

Checked if Applies

- | | |
|---|-------------------------------------|
| Improvements to health or safety | <input type="checkbox"/> |
| Trust in government | <input type="checkbox"/> |
| Major policy changes | <input type="checkbox"/> |
| Advance in scientific research | <input checked="" type="checkbox"/> |
| Effective grant making | <input checked="" type="checkbox"/> |
| Improved service delivery | <input type="checkbox"/> |
| Increased customer satisfaction | <input type="checkbox"/> |
| Implementation of laws or regulatory requirements | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

Outcome Comments

NA

What are the cost savings associated with this committee?

Checked if Applies

- | | |
|----------------------------|-------------------------------------|
| None | <input type="checkbox"/> |
| Unable to Determine | <input checked="" type="checkbox"/> |
| Under \$100,000 | <input type="checkbox"/> |
| \$100,000 - \$500,000 | <input type="checkbox"/> |
| \$500,001 - \$1,000,000 | <input type="checkbox"/> |
| \$1,000,001 - \$5,000,000 | <input type="checkbox"/> |
| \$5,000,001 - \$10,000,000 | <input type="checkbox"/> |
| Over \$10,000,000 | <input type="checkbox"/> |
| Cost Savings Other | <input type="checkbox"/> |

Cost Savings Comments

NA

What is the approximate Number of recommendations produced by this committee for the life of the committee?

Number of Recommendations Comments

The Committee did not produce explicit recommendations, but rather produced a report with many implicit recommendations.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

0%

% of Recommendations Fully Implemented Comments

unable to determine

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

0%

% of Recommendations Partially Implemented Comments

unable to determine

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

The committee was terminated, hence no Agency feedback on its recommendations.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

Reorganized Priorities	<input type="checkbox"/>
Reallocated resources	<input type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

NA

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

NA

How is access provided to the information for the Committee's documentation?

Checked if Applies

Contact DFO



Online Agency Web Site



Online Committee Web Site



Online GSA FACA Web Site



Publications



Other



Access Comments

NA